

Unit 5 Review:

- Relationship samples to experimental design:
 - Stratified → Matching
 - Cluster → Blocking
- Using a random number table:

[✓]1^x3|7^x4|2 [✓]2|7^x7|9^x8 | [✓]0[✓]3|4[✓]5|6^x | [✓]1|1[✓]2|9|4|

- For two digits, break into sets of 2.
- Choose #'s based on highest number in your data set.

Topics (Ch. 10, 11, 12)

- Samples
 - Types
 - Bias
- Random Numbers
 - Using a random number generator
 - Simulations
- Experimental Design
 - Observational
 - Experiments

Worksheet 11-11:

#18. Experiment

Factor: Length of survey

Levels: 5 days, 4 months

Treatments: 2

Response variable: Type of responses
Number of responses
Response variable

Design: Completely randomized

Blinding: Single

Conclusion: N/A

11. Observational

Retrospective

Subjects: Women in Finland

Parameter of Interest: Lifespan

Conclusion: Sons reduce lifespan, daughters
increase lifespan